

**USC Center for Fuel Cells
Industrial Advisory Board Meeting
March 18 and 19, 2009
University of South Carolina, Columbia, SC
Agenda (3/12/09 – FINAL Version)**

Wednesday, March 18, 2009

Faculty Lounge (1A03), Swearingen Engineering Center

8:00 - 8:30 AM	Breakfast	Continental Breakfast – Faculty Lounge
8:30 - 9:00	Presentation	Welcome, Introductions and Status of the Center (Dr. John Van Zee)
9:00 - 9:30	Project 19F (USC)	Characteristics of Gas Diffusion Layers and their Effect on PEMFC Performance (Dr. Martinez)
9:30 -10:00	Project 37E (USC)	NSF TIE Project with Virginia Commonwealth University (VCU): Collaborative Research-Investigation for Robust and Low-Cost Fabrication of PEMFC Bipolar Plates Using Internal Pressure-Assisted Embossing and Mechanical Bonding (Dr. Shimpalee)
10:00 -10:15	Break	Faculty Lounge
10:15 -11:15	Univ. of Connecticut Research Site Projects Dr. Mehdi Anwar	201A - Integrated Reforming & Balance-of-Plant Model 202A - Stress Induced Degradation in Fuel Cell Stack 203A - Power Conditioning in Sustainable energy Sources 204A - Integration of Sustainable Energy Sources in the Traditional Electric Grid 205A - Surface Modification of Carbon Supports for Ultra-Low Loading Oxygen Reduction Catalysts
11:15 -11:45	Project 40B (USC)	Pressure Drop in Flow Channels Due to Blockage by Water Drops (Dr. Shimpalee)
11:45 -12:15 PM	Presentation	NSF Presentation on the I/UCRC Activities (Glenn Larsen)
12:15 - 1:15	Luncheon	Faculty Lounge
1:15 - 1:45	Project 7G (USC)	Development of Novel Methods to Synthesize Oxygen Electrocatalyst (Dr. Popov)
1:45 - 2:15	Project 41A (USC)	Anode Electrodes for Liquid Fed Fuel Cells (DMFC) – (Dr. Popov)
2:15 - 2:45	Project 35C (USC)	Dynamic Response of a Fuel Cell System on a Variable Frequency AC Power Bus (Dr. Dougal / Young)
2:45 - 3:00	Break	Faculty Lounge
3:00 - 3:30	Project 15G (USC)	Techniques for the Rheological Characterization of Bulk Molding Compounds (Dr. Gadala-Maria)
3:30 - 4:00	Project 25E (USC)	Gasket Material: Mechanical and Chemical Stability in PEMFC (Dr. Chao – DOE funded)
4:00 - 4:30	Wrap-Up	
7:00 -10:00 PM	Sit-down Buffet Dinner / Graduate Student Poster Presentations	– <i>Wilson Room at the Courtyard by Marriott</i>

NOTE: Each project is scheduled as follows: Technical presentation (20 minutes)
Discussion/questions (5 minutes)
Life forms (5 minutes)

NOTE: All USC projects are numbered 1-99; all University of Connecticut projects are numbered 201-299

Thursday, March 19, 2009

Faculty Lounge (1A03), Swearingen Engineering Center

8:00 - 8:30 AM	Breakfast	Continental Breakfast – Faculty Lounge
8:30 - 10:30		Summary of LIFE Forms
10:30 - 10:45	Break	Faculty Lounge
10:45 - 12:00 PM		IAB Business Meeting
12:00 - 12:30		Path Forward / Action and Responsibility
12:30	Luncheon	Adjourn for Luncheon – Faculty Lounge